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Correction to “The contribution of ocean-leaving DMS to the global atmospheric burdens of DMS, MSA, SO₂, and NSS SO₄[−]”

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INDEX TERMS: 9900 Corrections; 1615 Global Change: Biogeochemical processes (4805); 1630 Global Change: Impact phenomena; 3339 Meteorology and Atmospheric Dynamics: Ocean/atmosphere interactions (0312, 4504); **KEYWORDS:** global biogeochemical cycles, dimethylsulphide, sulphate aerosols, phytoplankton, climate regulation, SOLAS

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[1] In the paper “The contribution of ocean-leaving DMS to the global atmospheric burdens of DMS, MSA, SO₂, and NSS SO₄[−]” (*Global Biogeochem. Cycles*, 17(2), 1056, doi:10.1029/2002GB001937, 2003), Table 3 contained some incorrect values. The correct version of Table 3 is given here.

Table 3. Mean Annual Column Burdens and Surface (1009 hpa/35 m) Concentrations of DMS, MSA, SO₂, and nss SO₄[−] Resulting From Both Oceanic and Terrestrial Sources (“Total”) and From Oceanic DMS Emissions Alone (“Oceanic”)^a

	Annual Mean Column Burdens, $\mu\text{mol m}^{-2}$			Annual Mean Surface Concentrations, ppt		
	NH	SH	Global	NH	SH	Global
DMS oceanic	5.13	18.8	11.9	80	255	167
DMS total	5.24	18.9	12.1	85	260	172
% DMS oceanic of total	98	99	99	93	98	97
MSA oceanic	0.50	1.40	0.95	3.9	10.3	7.1
MSA total	0.56	1.45	1.01	4.1	10.4	7.3
% MSA oceanic of total	89	97	94	95	99	98
SO ₂ oceanic	2.91	2.63	2.8	11	10	11
SO ₂ total	13.3	4.3	8.8	668	32	350
% SO ₂ oceanic of total	22	61	32	2	31	3
Nss SO ₄ [−] oceanic	1.8	3.2	2.5	13	22	17
Nss SO ₄ [−] total	20.9	7.4	14.2	222	41	131
% Nss SO ₄ [−] oceanic of total	9	43	18	6	53	13

^aPercentage contributions of seawater DMS to the total burdens and surface concentrations are also presented.